

Questions & Answers
Buttke Oil
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02-27-129542

GENERAL NOTE TO ALL BIDDERS: TABLE 7 FROM THE SIR MAY HAVE CONTAINED A PENCILLED IN NOTATION THAT THE UNITS FOR PAH RESULTS WAS PPB. THAT IS NOT THE CASE. THE RESULTS ARE REPORTED IN TABLE 7 IN PPM.

1. For bidding purposes, what volume of soil should we assume will be excavated and disposed (e.g. assume X feet of overburden)?

Based on analytical data from HA-4, HA-8, GP-1 and GP-2 consultants should assume that most, if not all, shallow soil within the prescribed excavation area would need to be removed. Some minor amount of shallow soil in the area of HA-5 (located on the edge of the prescribed area) may not need to be disposed. See Tables 6 and 7 in the site investigation report, Table 3 of the October 2000 letter report, and Table 2 of the February 2001 letter report. Based on soil analytical data, as well as floating product at the water table, bids should be based on removing all soil from within the prescribed area. If excavation sidewall stability or other site logistics requires that shallow soil outside the prescribed area be excavated, based on analytical data from HA-5, HA-6, HA-9, and GP-3, if field screening does not indicate that soil is contaminated, that soil may be returned to the excavation.

2. Can you provide a map showing the excavation area?

The area specified is described clearly and consultants should be able to create a drawing of the excavation area using a scale and existing drawing from the site investigation. It is basically the area under and near former ASTs numbers 5 and 6. The area includes the locations of HA-8, HA-4, GP-2 and GP-1. Based on drawings in the DNR file, it appears that HA-5 would be on the edge. However, it may be that field observations during excavation may indicate that soil at depth under HA-5 should be excavated.

3. MW-4 was constructed with 15 feet of screen. Should the well located in the approximate location HA-9 be constructed similarly?

Yes, to be consistent with the down-gradient monitoring well, and to allow for large variations in groundwater elevation observed in the past.

4. At what depth should sidewall samples be collected?

Sidewall samples should be collected from immediately above the bottom of the excavation or immediately above the water table.

5. What analysis should be performed on the sidewall and floor samples?

Analytical parameters should include GRO, DRO, PVOCs from all samples, and PAHs in addition from three samples.

6. Should the bids include waste disposal costs (e.g. disposal of purge water, development water, free, product, etc.)?

Yes